
NMCI Deployable Seat

Configuring Internet Explorer with PKI CERT

For



Prepared By



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1.0 Introduction

The NMCI enterprise Operating System environment is Microsoft Windows 2000 Active Directory. However, Windows NT is used in the USMC deployed environment. In preparation for the Marine Corps' transition to NMCI, MCTSSA has been tasked to perform a pilot implementation of an NMCI Seat in a deployed environment and document the procedure to accomplish this task. Dialin access to the NMCI Network is a requirement for Marine Corps units when deployed. As a result of this requirement, MCTSSA has been tasked to produce an Internet Explorer PKI CERT Procedures Document for distribution to the Fleet. This will be used as a guide to assist users with the process that is required in order to access email over the Internet using Outlook Web Access (OWA). This document is intended as a supplement to the NMCI ISF document titled Outlook Web Access Users Guide to minimize the need for external assistance should a user encounter problems accessing their NMCI e-mail via Outlook Web Access from a remote location. This document describes the procedure of importing a user's PKI Certificate (CERT) into Internet Explorer (IE). Currently OWA is the only application that requires that a PKI CERT be loaded in IE, however, there may be applications in the future that will have this same requirement.

1.1 NMCI CLIN 004AC Seat:

Pentium III 1 GHz Processor
256MB of RAM
Integrated Ethernet 10/100 Adapter
Integrated V.90 56K Dialup Adapter

1.2 NMCI Environment

Remote access to the NMCI network will be accomplished via authentication through either Remote Access Service (RAS) or High Speed VPN (Virtual Private Network). The NMCI ISF (Internet Strike Force) has created a document titled Remote Access Service Getting Started Guide. You can obtain a copy of the NMCI ISF document by going to Outlook Web Access Users Guide and can be found at the following location:

http://www.nmci-isf.com/downloads/OutlookWebAccess_UserGuide.zip

The following document is intended to be a supplement to the NMCI ISF document and contains the procedures necessary to import a user's PKI CERT which is required in order to access NMCI e-mail via OWA.

If you need further assistance call the NMCI Helpdesk (1-866-843-6624).

1.3 NMCI Deployed Environment

The Marine Corps' TDN environment consists of a Windows NT Operating System. Procedure development and assessment of the operability of NMCI Seats in a deployed environment has been conducted at MCTSSA in the SIF MEF Node consisting of Windows NT PDC and BDC, Cisco Routers and Checkpoint's Meta IP DNS.

1.4 Background and Overview

This document is designed to assist the user with configuring Internet Explorer for PKI Certificates that will then allow access to NMCI E-mail via OWA.

The following is a step-by-step guide for importing a PKI Certificate into Internet Explorer.

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2.0 Internet Explorer Configuration for PKI CERT

2.1 Configure Internet Explorer Properties

2.1.1 Locate Internet Explorer (IE) icon the desktop of your machine.

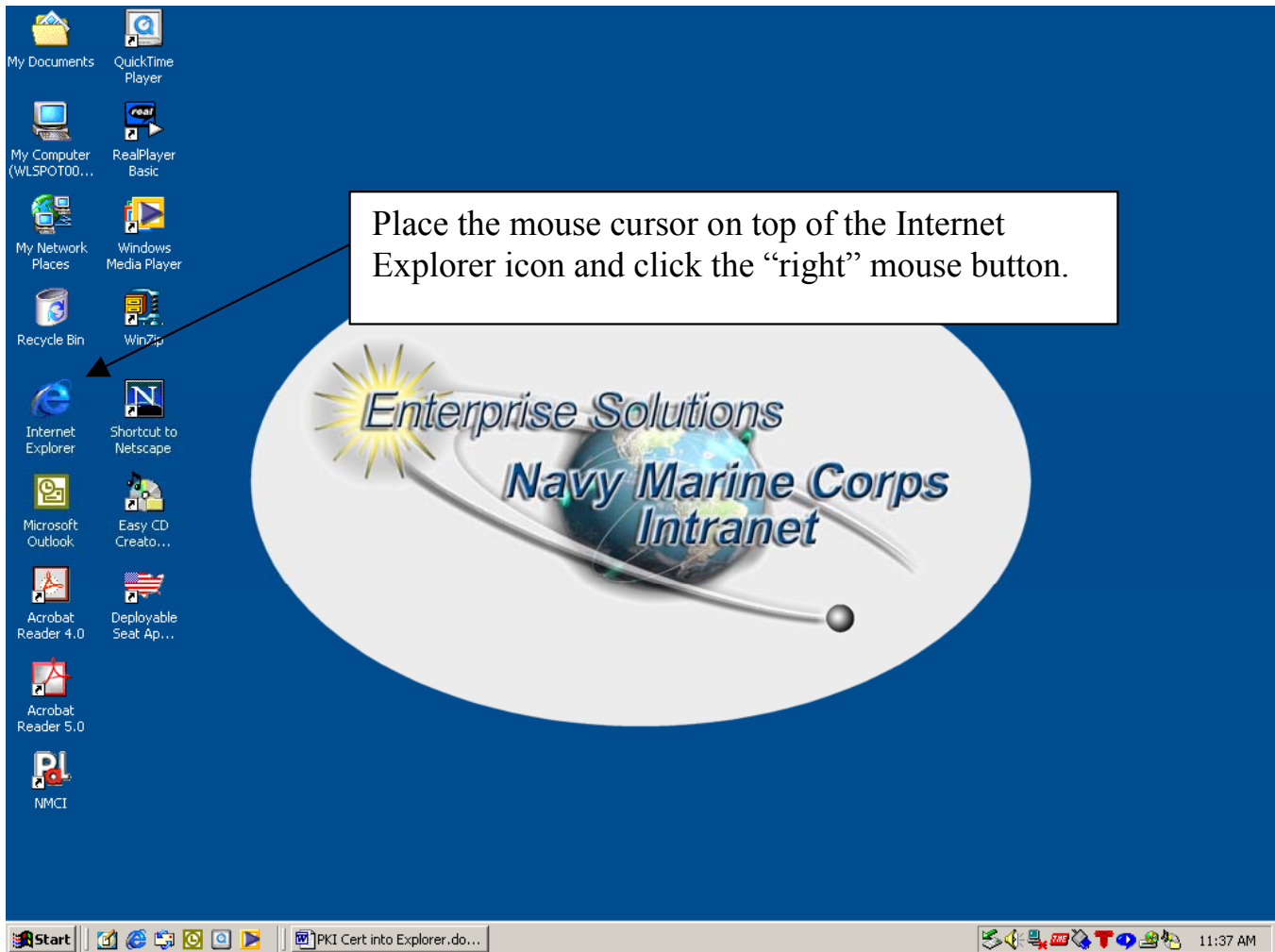


Figure 2-1

2.1.1.1 *Right Click on Internet Explorer (see Figure 2-1) and select Properties. Proceed to paragraph 2.1.2*

2.1.2 Internet Properties Configuration

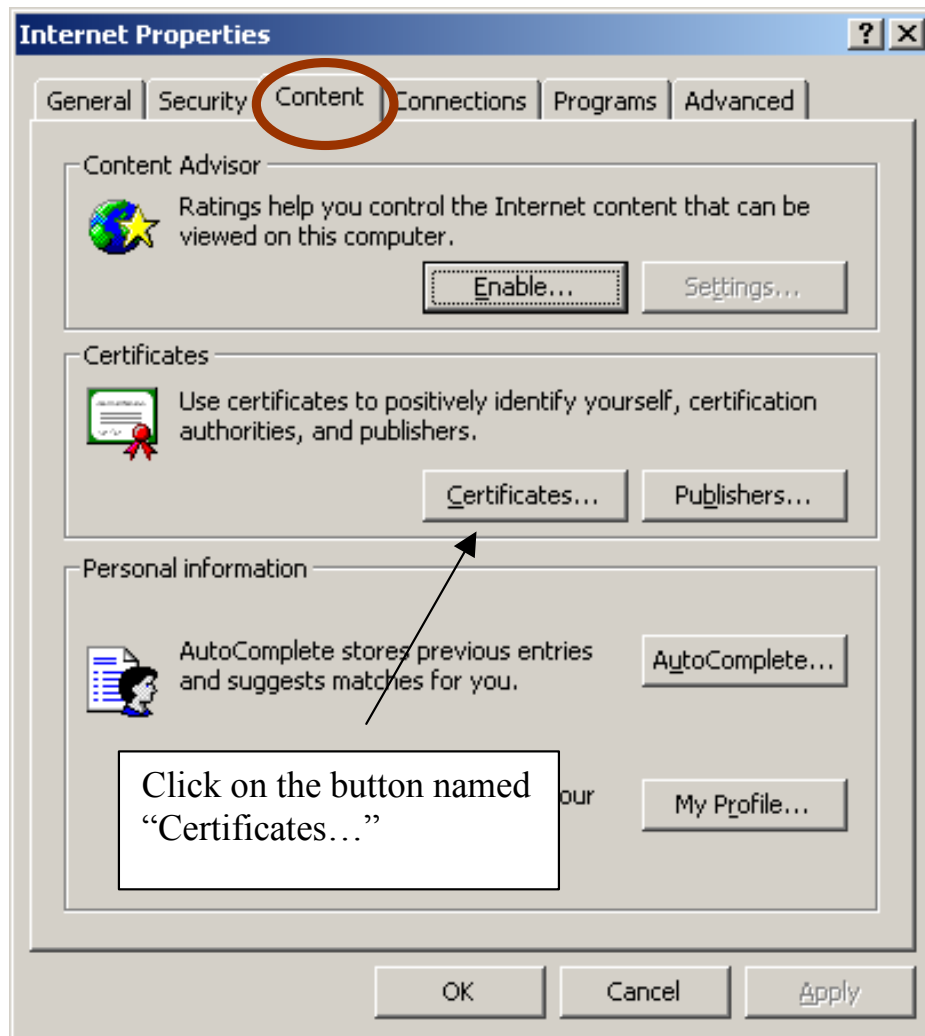


Figure 2-2

2.1.2.1 Click on the Content TAB and then click on the "Certificates..." button. (See Figure 2-2)

2.1.3 Import Certificates

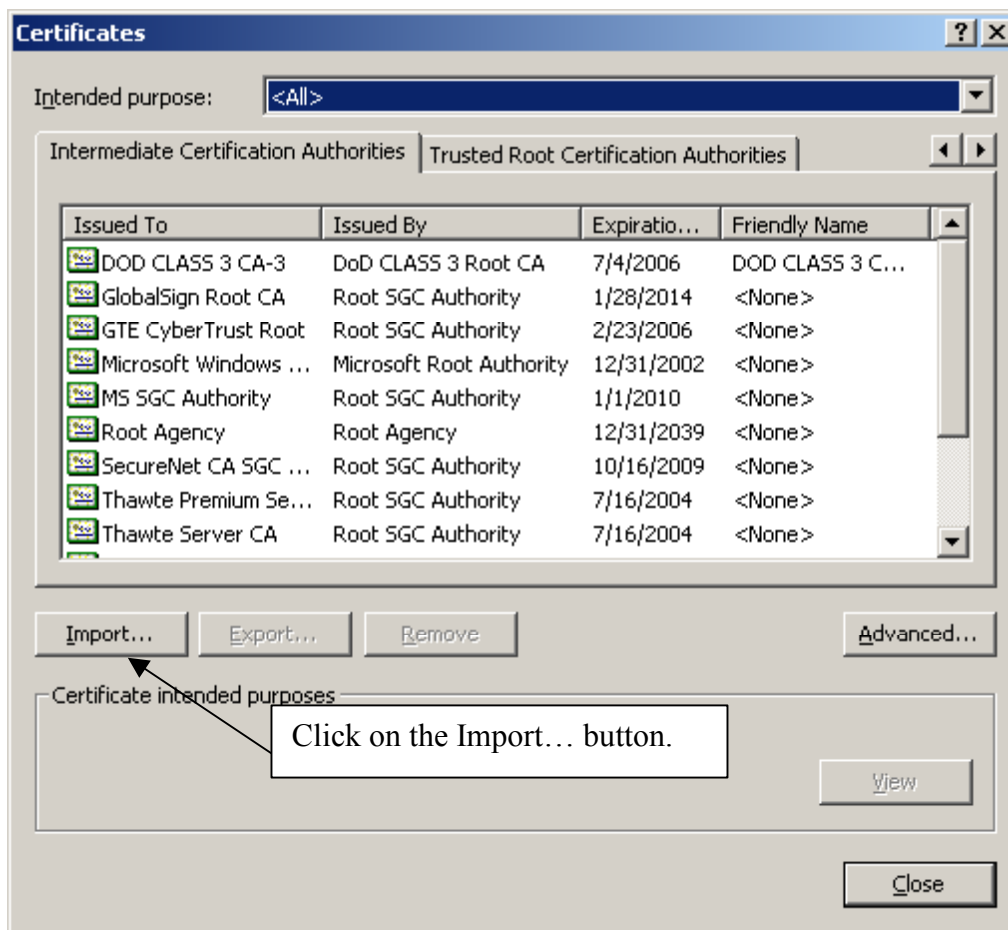


Figure 2-3

2.1.3.1 Click on the "Import ..." button (shown in Figure 2-3), this will launch the "Wizard" shown in Figure 2-4.

2.2 Certificate Import Wizard

2.2.1 Start of Certificate Import Wizard

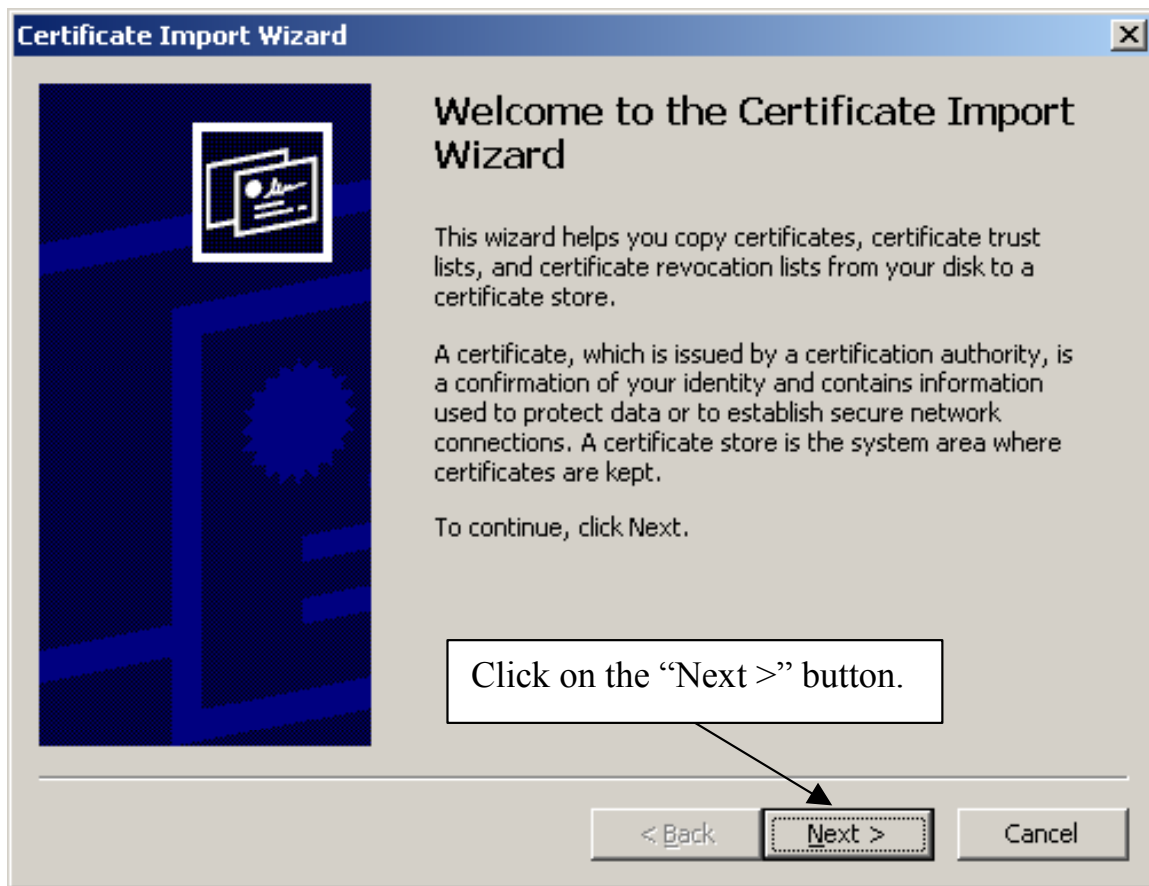


Figure 2-4

2.2.1.1 Select "Next>" (See Figure 2-4)

2.2.2 Select CERT File to Import

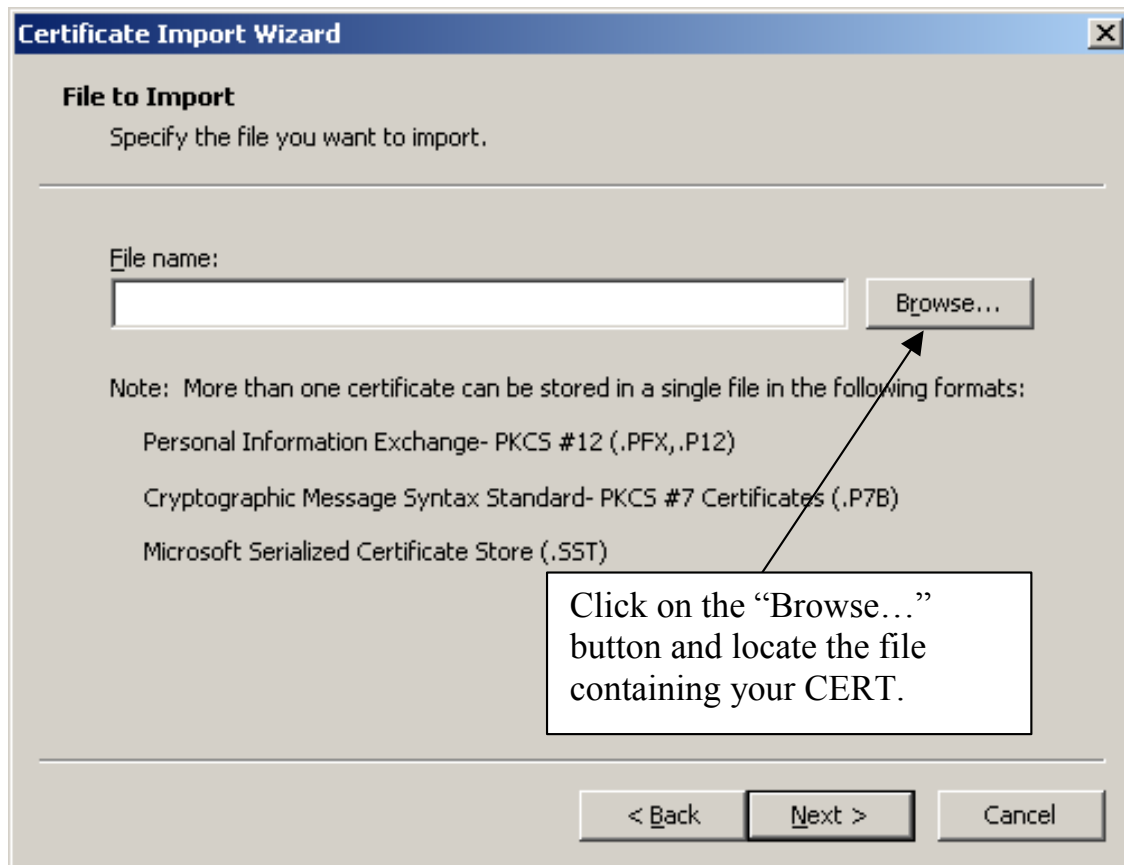


Figure 2-5

2.2.2.1 Select "Browse..." (Figure 2-5)

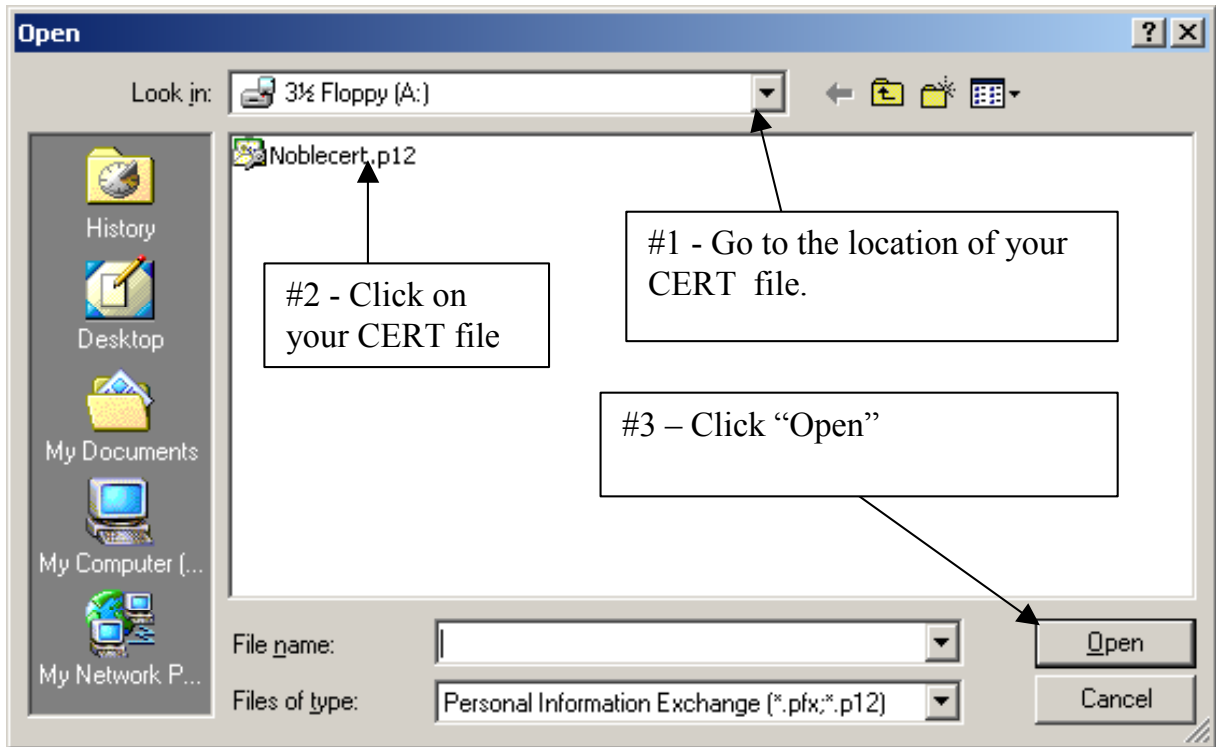


Figure 2-6

- 2.2.2.2 *Ensure that the file containing your CERT that is located on the 3 1/2 in floppy is inserted into your floppy drive, OR, that you have copied your CERT file to a folder on this PC or a network drive that you have access to from this PC.*
- 2.2.2.3 *Select the file containing your CERT, and then select "Open". (Figure 2-6)*

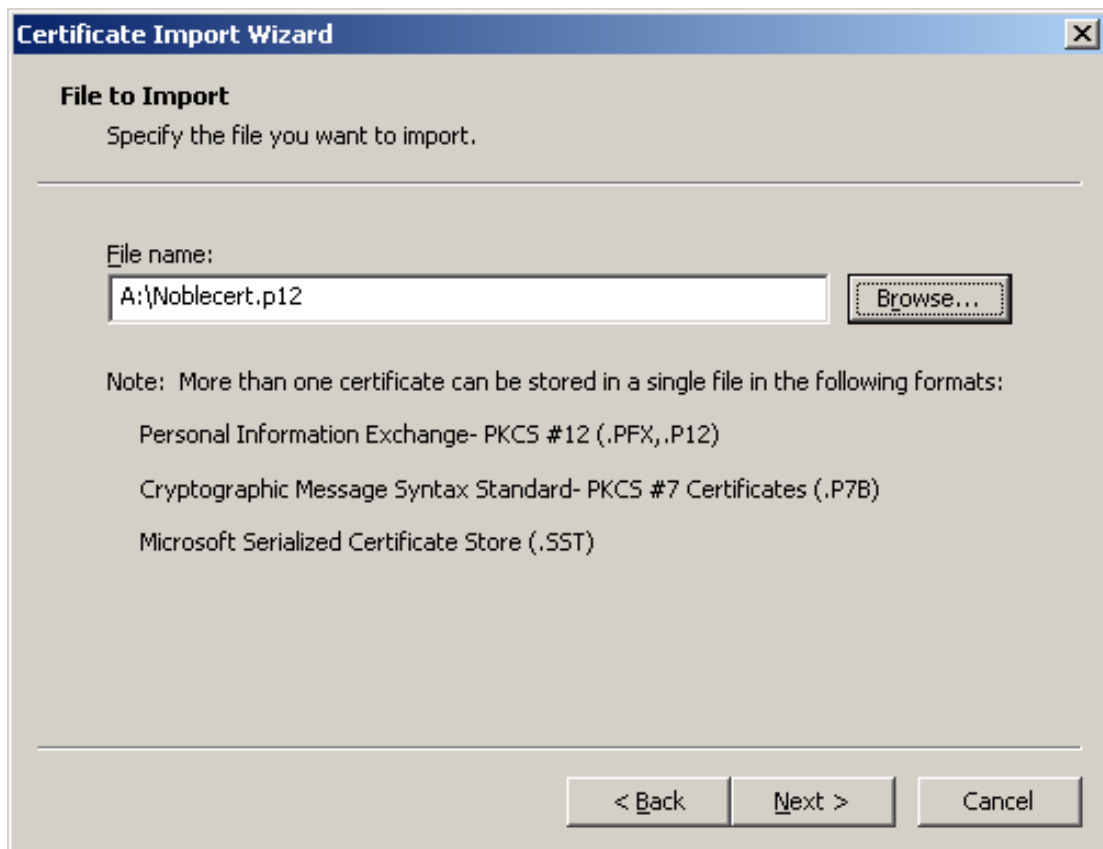


Figure 2-7

2.2.2.4 Your cert should now be appearing in the "File name:" box as shown in Figure 2-7.

2.2.2.5 Select "Next >"

2.2.2.5.1 Enter your Certificate Password

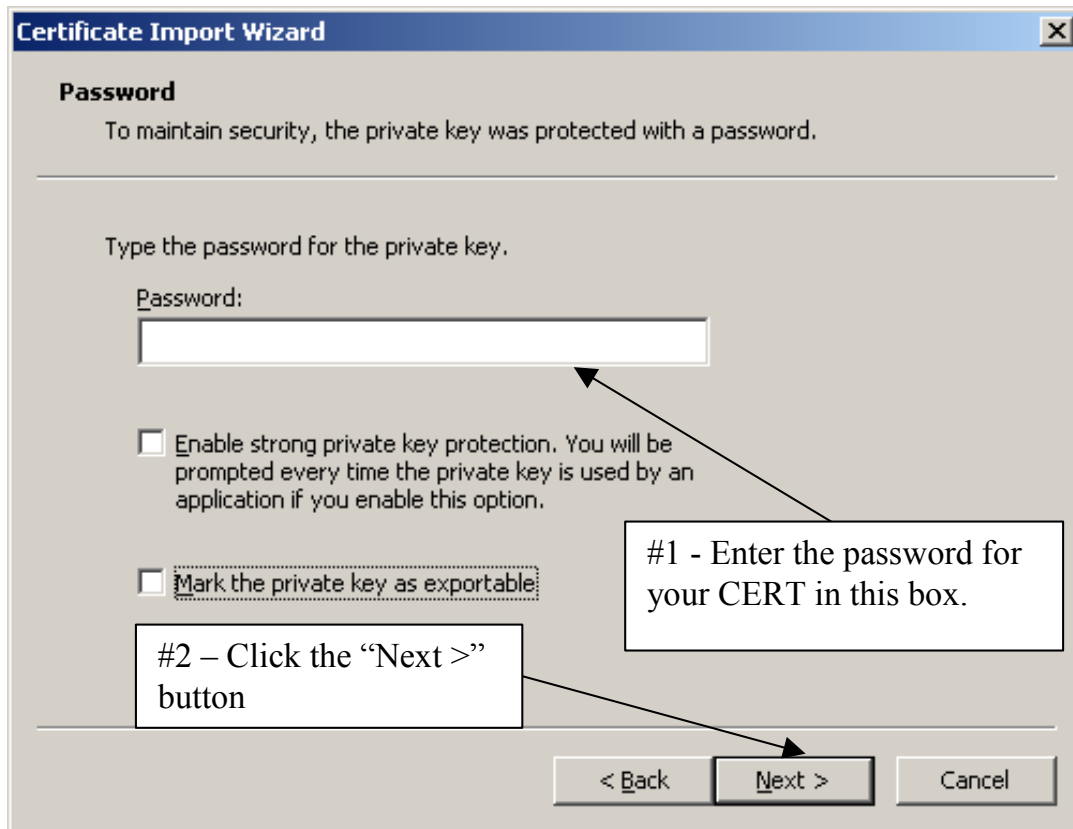


Figure 2-8

2.2.2.6 You must enter your password that you assigned when downloading your CERT (Figure 2-8)

2.2.2.7 Select "Next >"

2.2.3 Certificate Store

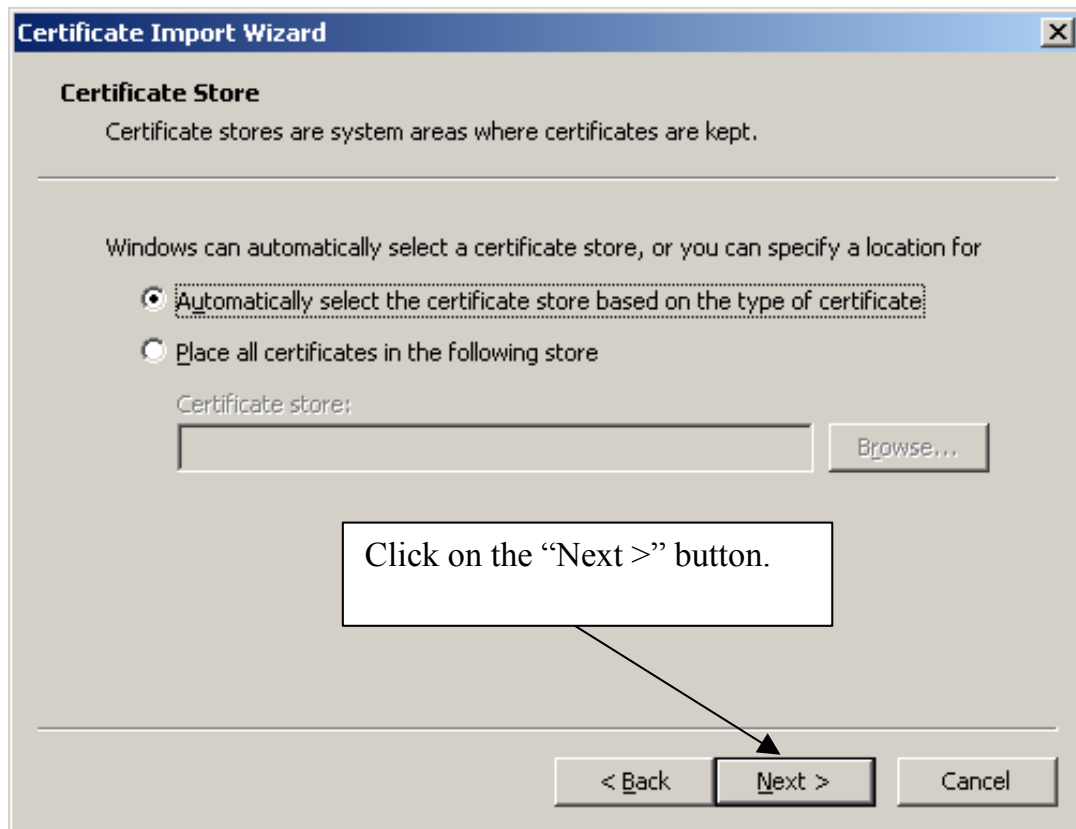


Figure 2-9

2.2.3.1 Select "Next >" (Figure 2-9)

2.2.4 Completing the Certificate Import Wizard



Figure 2-10

2.2.4.1 Select "Finish" (Figure 2-10)

2.2.5 Root Certificate Store Warning

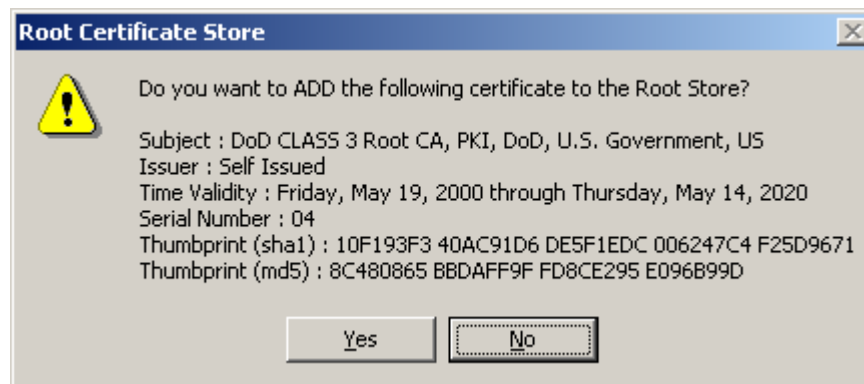


Figure 2-11

2.2.5.1 Select "Yes" (Figure 2-11)

2.2.6 Certificate Import Successful

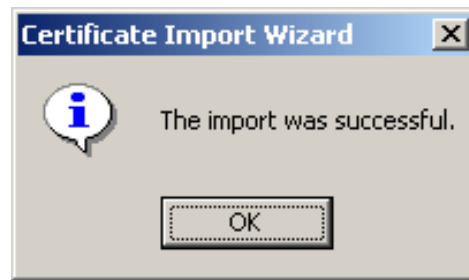


Figure 2-12

2.2.6.1 Select "OK" (Figure 2-12)

2.2.7 Certificates List is Displayed

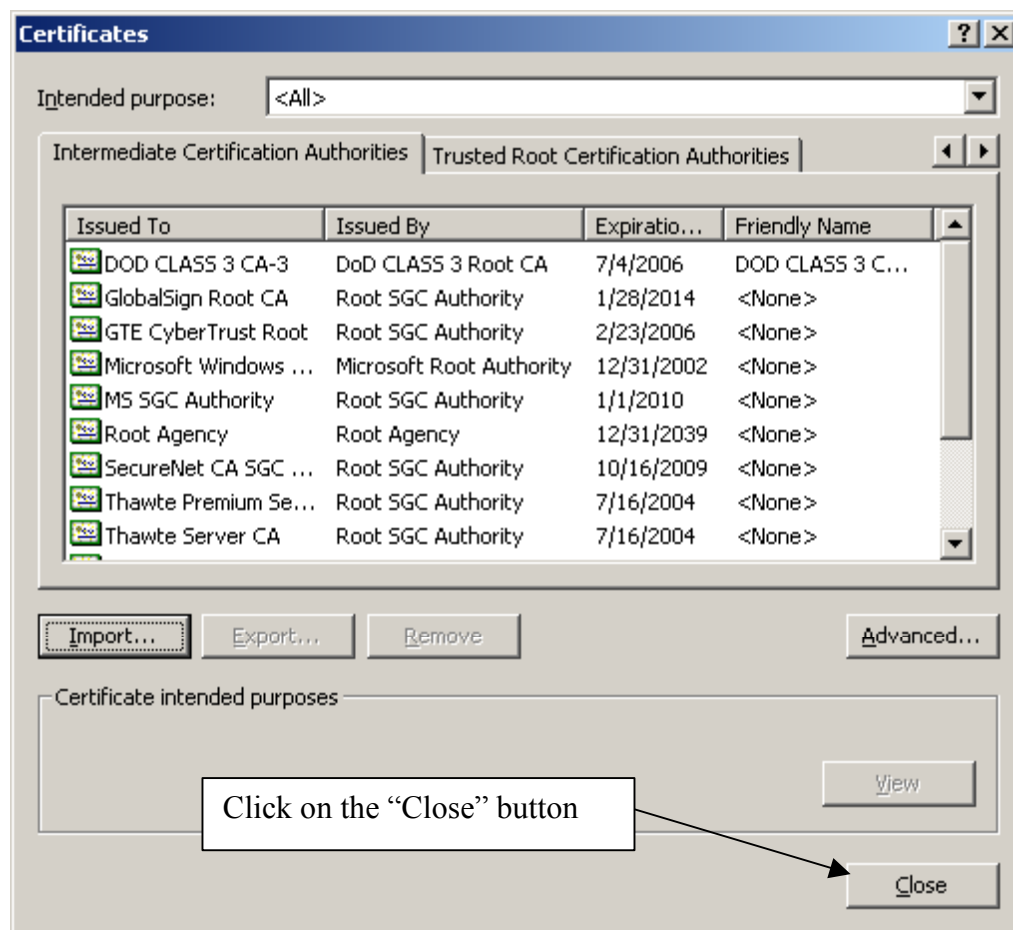


Figure 2-13

2.2.7.1 Select "Close" (Figure 2-13)

2.2.8 Internet Properties Modifications Complete

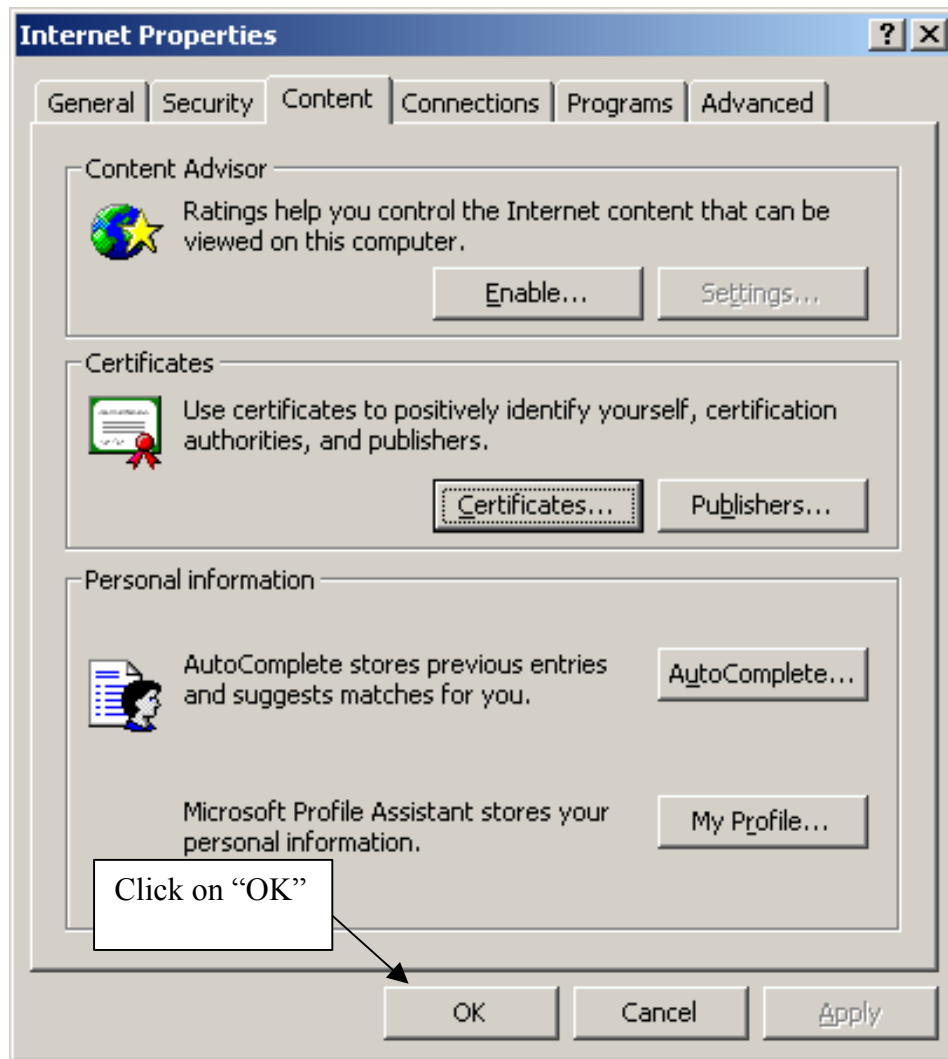


Figure 2-14

2.2.8.1 Select "OK" (Figure 2-14)

2.2.8.2 You have finished the process of loading your CERT file into Internet Explorer and will now be able to access your NMCI e-mail via Outlook Web Access. Consult the NMCI ISF document titled "Outlook Web Access Users Guide" for additional information on how to use this product. The document can be found at the following link:

http://www.nmci-isf.com/downloads/OutlookWebAccess_UserGuide.zip